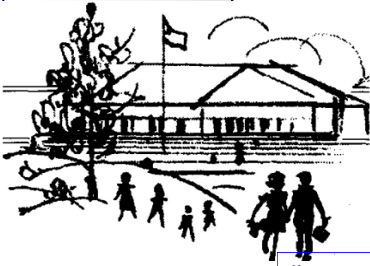


August 2018

Graham County School News



Graham County School Superintendent

Donna M. McGaughey

Volume 14, Issue 8

"Providing Quality Service and Support to Graham County Schools"

Please visit our website
www.graham.az.gov

Superintendent's Message

Please join me in welcoming back all of our returning staff members. We extend a special welcome to the educators who are new to our districts. New teacher information as of 8/1/2018.

Safford

Stephanie Moreno—DSS, 2nd
Brittany Jackson—DSS, 3rd
Michael Quintero, DSS 5th
Rachel Swan—DSS music
Alex Osteen—DSS SPED
Nora Rogers—DSS SPED
Cindy Hatch—LNS Kindergarten
Christie Smith—LNS 6th
Gwendolynn Nuttall—RPS Kindergarten
Lorrie Rodriguez—RPS 1st
Analyse Angle—RPS 3rd
Lomina Reiher—RPS 4th
Suzanne Ortega—RPS 5th
Marisa Giorno—RPS 5th
Sasha Wiltbank—RPS SPED
Josylyn Larson—SMS English
Stephanie Robinson—SMS APC
Carla Fuja—SHS English
Verlynn Hinch—SHS English
Mandy Muenchow—SHS English
Olga Gomez—HS CTE/ECE
Alisa Chacon—SHS Math
Kami Downing—SHS Science
Eric Scott Hjalmarson—SHS SPED
Jason Johnston—MGHS Science
Triumphant Learning Center
TBA

Thatcher

Byron Bolen—JDPS music
Lyndsey Nelson—JDPS 1st
Cassandra Gonzales—TES music
Angela Adams—TES 5th, math
Brandi Sherman—TES 6th, math
Susan Sherwood—TES 5th, reading
Chris Carrell—TMS 8th, Science
Jaiden Barney—TMS 7th, ELA
Jeff Lords—THS Principal
Ethan McBride—THS Chemistry and Biology
Lee Marrett—THS Spanish

Pima

Shayla Hancock—PES SPED
Lee Green—PES SPED
Nicole Lockridge—autism specialist
Cassie Montoya—PES 4th, math
Julia Bauman—PES 5th-6th, math
Jeanne Dunaway—PES 6th, math
Ryan Conrad—PJH Principal
Noah Clonts—PJH science
Destiny Bolinger—PJH math
John Bryant—PJH Physical Education

Fort Thomas

Monica Loas—FTES Kindergarten
Bridget Pascoe—MTES 5th
Kristen Abalos—FTJH Science

Contact us!

Donna McGaughey,
Graham County School
Superintendent

921 Thatcher Blvd.
Safford, AZ 85546
928-428-2880
Fax: 928-428-8824
dmcgaughey@graham.az.gov

Nola Knight, Chief Deputy
nknight@graham.az.gov
928-428-2880

Mandi Moffett, Deputy clerk
mmoffett@graham.az.gov
928-428-2880

Hours: Monday—Thursday
7:00 a.m.—6:00 p.m.
Closed Fridays

Discovery Plus Academy

Heike Schysm—Kindergarten
Jessica Skinner—2nd
Cheri Craghead—Media Specialist

Solomon No new teachers
Bonita No new teachers
G.I.F.T No new teachers
Dan Hinton No new teachers

Hats off to all Graham County school transportation personnel for safely delivering our students to and from school each day.

Welcome!

Graham County Schools will begin the 2018-2019 school year over the next week. New teachers have been hired, classrooms have been put together to welcome our students, and support staff have been very busy behind the scenes attending to the unbelievable amount of work that goes into running a school. Transportation has the buses tuned up and the school grounds are being prepped in anticipation of thousands of students streaming onto them. Leadership in schools is a critical, yet often underappreciated element in the education of our children. Administrators work tirelessly to support the entire system, and every year the job only gets more difficult. We appreciate the service of those who have retired, and we want to welcome several new administrators taking the reins in 2018-2019.

Jeff Lords—*Principal, Thatcher High School*

Ryan Conrad—*Principal, Pima Jr. High*

Please join me in welcoming these new administrators, new teachers and support staff members as well as our returning school employees.

They do super-hero work on a daily basis.

If a doctor, lawyer, or dentist had 40 people in his office at one time, all of whom had different needs, and some of whom didn't want to be there and were causing trouble, and the doctor, lawyer, or dentist, without assistance, had to treat them all with professional excellence for nine months, then he might have some conception of the classroom teacher's job. ~Donald D. Quinn

Graham/Greenlee New Teacher Coalition

I am pleased to announce we will be kicking off the second year of our "Supporting and Sustaining Teachers" project. With generous funding from the United Way of Graham and Greenlee Counties, and support from our business community, we are able to invite educators to participate in the New Teacher Coalition. The sessions will be offered six times throughout the year beginning in August. We provide materials to assist with classroom management, integrating technology and best practices, understanding grant writing processes, etc. The business community is providing tokens of appreciation and information on real estate, loan forgiveness, and other support. Ultimately, 40-50 new teachers in our two counties will find a whole network of support from within their own districts as well as from other teachers and the county offices. We want to attract and retain the best educators for our students, and our work with the coalition goes a long way toward reaching this goal.

2018 SEATA

4 days in June

200 + teachers

53 Presenters

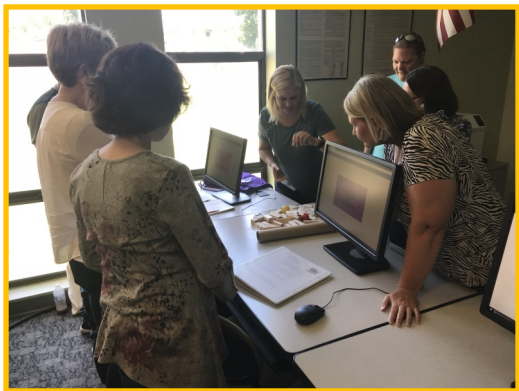
128 breakout sessions

We are already planning for the 2019 Southeast Arizona Teachers' Academy because the 2018 SEATA was so successful. We measure success in a lot of ways, including attendance, but the feedback gleaned from the sessions indicates we are meeting the needs of our educators and they are asking for more! Some of the highlights noted by participants include the following:

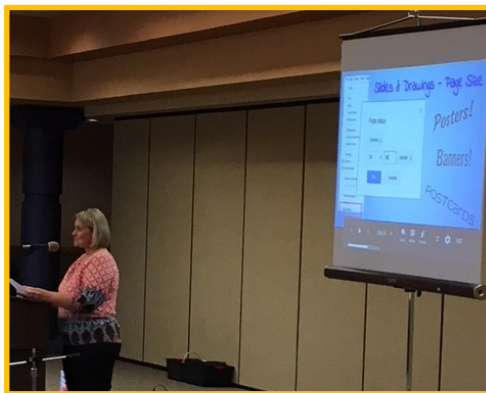
- ◆ Writing & tech help
- ◆ Teamwork for Math and family game night.
- ◆ Loved all the classes
- ◆ I love the technology and hands on sessions.
- ◆ Great writing instructors. Grant writing is not as scary as I thought!
- ◆ Shakespeare & joyful writing
- ◆ Logophiles
- ◆ 1)Great and knowledgeable presenters 2) HANDS ON CLASSES really help!
- ◆ Creating things on the iPads and put a cherry on top. Those were my favorite workshops!
- ◆ Free Math Manipulatives!—I'm Going Google :)
- ◆ I thought that the quality of workshops was the best ever this year. I have so many ideas for next year.
- ◆ I learned a lot and was able to use it in my classroom.
- ◆ Legoeducation.com and I have help in writing grants!
- I love networking with educators outside of our country
- Green screen and grant writing
- Thanks for the sped sessions
- Several days long and the ability to pick and choose what is of interest and relevant. Thank you for this great conference.
- There were many wonderful ideas I took with me.
- Best SEATA ever!
- The math games and ideas tied into learning and brain development.
- Being able to meet and collaborate with peers. Getting new information and excitement for the next school year!
- The trauma classes! Great information for our population.
- Fantastic opportunity to meet new friends and learn new ideas and skills. Continue with this workshop. It is so wonderful! Thank you.
- I loved the variety of classes!

Our goal is to provide quality service and support to schools, and through SEATA, we were able to deliver information on how to find resources, best practices across the curriculum and, unfortunately, how to understand and protect children from traumatic experiences. That is the spectrum of what we do—math, reading, language arts, technology, and.....active shooter training. Please mark your calendars for June 3-6, 2019. We want to help our best become even better.

Scenes from the 2018 SEATA



Left: SEATA participants learning more about technology integration products in a class taught by Kate Cox from Promethean.

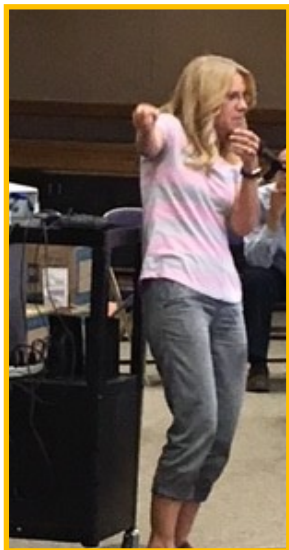


Above: Carol Elders singing "Some of Her Googly Things" during the SLAM, which she won!



Left: The winning team from our "Escape Room" activity. Teamwork and critical thinking at its best.

Right: Digital Escape Room activity. Reading clues and figuring out the "keys" to unlock the next level.



Left: Dee Scott doing her SLAM on using Google Earth in the classroom.



Wendy Peterson started the week off as our keynote speaker. She used personal stories and lyrics from musicals to emphasize joy, perseverance and the courage it takes to do your job as if someone's life depends on it—which it does. We were treated to an impromptu song by Jeff Skiba which dovetailed perfectly with Wendy's message. We ended the week with our SLAM—showing us your best. We added a digital breakout session which was intense, but fun. Thank you to all of the participants who made this year's academy such a success!



Arizona Department of Education Exceptional Student Services

Presents

2018-2019 AT Superhero Academy

Assistive Technology Regional Academies

The "Write" Stuff

Come and learn about tools and strategies to help struggling writers of all ages. Both motor aspects and composition will be discussed.

I Can't Read That!

We will take a look at barriers some students encounter, accessible educational materials, and tools that can help your student(s) be more successful and independent.

AT is in the mATH - Get ready to calculATe

This training will provide an overview of tools and strategies to support all students in accessing and benefiting from the mATH curriculum. Come to this training to calculATe your student's mATH support needs.

Times: 1:00 PM-4:00 PM

September- Central Arizona

- 9/18: Phoenix Union- Math
- 9/19: Kyrene School District- Reading
- 9/20: Higley USD- Writing

October- Northern Arizona

- 10/23: ADE Flagstaff Office- Math
- 10/24: ADE Flagstaff Office - Reading
- 10/25: ADE Flagstaff Office- Writing

November- Northern Arizona

- Bullhead City - dates and locations- TBD

December- Southern Arizona

- 12/4: Academies of Math and Science - Math
- 12/5: Tucson USD - Reading and Writing

January- Southern Arizona

- 1/23: Sierra Vista USD - Math
- 1/24: JO Combs USD - Reading and Writing

February- Central Arizona

- 2/5: Littleton ESD - Reading
- 2/7: Higley USD - Math
- 2/20: Deer Valley USD - Writing

Be on the look out for additional information on dates, times, and registration! atinfo@azed.gov

Bruce, Janet, Mitch, Elida, and Janelle



FIRST THINGS FIRST

Using technology to advance toddler and preschooler learning

For families of babies, toddlers and preschoolers, saying no screen time is easier said than done. Technology isn't going away and neither is the desire to make sure that kids are prepared for a world filled with computers at every turn.

The American Academy of Pediatrics recommends no exposure to screens for children under 2 years old. But as the child gets older, families can use technology and interactive media to support learning and, ultimately, relationships.

By managing screen time and choosing developmentally appropriate technology, adults can actually extend children's learning, according to the National Association for the Education of Young Children and the Fred Rogers Center for Early Learning and Children's Media at Saint Vincent College.

It's important to note that not all technology is equal when it comes to use with young children. Early childhood organizations make distinctions between passive, non-interactive technology such as certain television programs and DVDs versus age-appropriate websites, phone apps and television programs that allow for the child to be active, create, think critically and problem solve.

"A great alternative to media use that is non-engaging, such as a child sitting alone watching a television show, is to use an app or other technology that involves age-appropriate learning and allows parents to engage their children in conversations that grow their vocabulary or allow for an exploration of the senses," said Kelly Lubeck, First Things First program manager for family support and literacy.

First Things First reminds families that they're in charge of managing the quantity and quality of screen time. What does that look like in real life? Finding a balance of activities is key.

Limit your child's screen time and follow up by allowing time for your child to explore, pick up things and touch things, all ways to stimulate all the senses. For more tips go to healthychildren.org and search screen time.

Make sure that an adult is always with your child, providing hands-on engagement with what is happening on-screen. Zerotothree.org tells families to ask questions to engage thinking skills, such as, "What do you think will happen next?" Or after viewing a show about animals, take a walk and talk about the animals you see.



Continued on pg. 7

A smartphone can certainly engage a preschooler or young child, but an adult should be with the child to make the experience interactive. Using Skype to talk on camera with family members provides an authentic engagement with people in the child's life and their world.

Even television or videos billed as educational do not help children under age 2 learn language. Babies and toddlers learn new words and develop language skills by listening and interacting with caring adults.

An FTF video designed to help parents understand why babies learn language best from real people, not TV or videos, can be viewed at:

https://www.youtube.com/watch?time_continue=15&v=KXoDdBZggwY.

Ultimately, the quality of screen time interaction for young children depends on the adult. "When you use technology with your child, think of it as another opportunity to further communication and build the relationship with your child," Lubeck said.

###

About First Things First – First Things First is a voter-created, statewide organization that funds early education and health programs to help kids be successful once they enter kindergarten. Decisions about how those funds are spent are made by local councils staffed by community volunteers. To learn more, visit FirstThingsFirst.org.



Dolly Parton's Imagination Library

Free Gift to Our Children!

Since 2001, Dolly Parton's Imagination Library has put free books in the hands of young children across the nation. We now have an Imagination Library in our community. If you're a resident of Graham or Greenlee county, you can receive free books mailed to your home each

month.

Who is Eligible?

Preschool children (birth until their fifth birthday) of Graham or Greenlee County.

What Are My Responsibilities?

1. Be a resident of Graham or Greenlee Counties.
2. Submit an official registration form, completely filled out by parent or guardian (forms must be approved and on file with Friends of the Safford City-Graham County Library) or [REGISTER ONLINE](#)
3. Notify Friends of the Safford City-Graham County Library any time your address changes. Books are mailed to the address on the official registration form. If the child's address changes, you must contact your friends at the address below in order to continue receiving books.
4. Read with your child.

When Will I Receive Books?

Eight to ten weeks after your registration form has been received, books will begin arriving at your home and will continue as long as the grant funding is available to the Safford Library. We hope that this is until your child turns five or you move out of Graham or Greenlee County.

QUESTIONS?

Contact our Imagination Library Coordinator @ (928) 432-4155. It sounds almost too good to be true! But by reading regularly to your children during their preschool years, you are giving them the biggest boost toward a successful education they will ever get.

The Imagination Library Project is brought to you by First Things First (www.azftf.gov) and the Safford Friends of the Library.



- Increase employment opportunities
- We pay tuition and books
- Decrease college or technical cost

Gila Institute for Technology

GIFT now registering for 2018-2019

Central Programs Offered

Cosmetology (2 schools) – Drafting – Health Care Professions-
Licensed Nursing Assistant– Med Lab Assistant-
Sports Medicine and Rehab Therapies– Welding

Individual Programs

Advanced Manufacturing- Autos- Computers- Early Childhood
Education- EMT- Engineering - Fab Lab Technician- Graphic Design-
Industrial Electrician- Law Enforcement- Medical Assistant- Media
Communications- Pharmacy Technician

**Check out our website and apply at www.gift-tech.org Contact
your high school CTE Career Tech/Counselor for more
information**

Or call 928-348-3393

Who is Eligible?

- Serving 10th, 11th, and 12th grade students in Graham and Greenlee Counties.
- Must meet the program entrance requirements
- Anyone under the age of 21 without a GED or high school diploma is eligible.

Science Happens Here!

Local First Arizona, Freeport-McMoRan, the Arizona Rural Development Council, the Arizona SciTech Festival and the Graham County School Office are presenting **Science Happens Here** to advance STEM education in our community. Parents are encouraged to take their students to local businesses to collect trading cards. The cards, shown below, are designed to engage students with the science connected to the business. The students can learn more about STEM by gaining access to simple experiments found online using the website and code found on each card.



The following businesses are participating in this year's program. The class with the most participants will win a prize, which will be awarded early in the 2018-2019 school year. New cards have been added, so go get them! Thank you to the Arizona Science Center's Science on Wheels program for providing prizes!

Lee's Rite-Way
Trophies –N–Tees
Smith & Taylor Automotive
Indigo Mountain
The Hair Academy of Safford
Graham County Florist
Abacus Solutions
Carpet Tile and More
Cosmetology
Thank you businesses!

Genevieve's Market Place
Debbie's Craft Connection
Kempton Chevrolet
Bowman Consulting
Graham County Co-op
Richard's Music Company
Holladay's Photo Emporium
Cottage Bakery
Enchanted Boutique

A Step Back in Time
Sun Pumps
Curtis Landscape
Taylor Freeze
Hot Wheels Cyclery
CMI Quick Copy
The Plantation
Eastern Arizona Academy of
Casa Manana



“Science Happens Here”

What do a bakery, a shoe store, a landscaping business and a craft shop have in common? They all use SCIENCE! And, they have joined forces with 25 businesses in Graham County to offer Science Happens Here to students in grades 3-8.

Science Happens Here is a game for kids that includes collecting trading cards from local businesses with science knowledge, conducting science experiments at home using household items and visiting the SHH website. As students log their cards into their SHH accounts, class participation is monitored. The added bonus to the program is a grand prize of a pizza party and a visit from the AZ Science Center for the class with the highest level of involvement.

Meet Mrs. Evans’ 4th grade class, top winners in Graham County. Their pizza party took a back seat to their afternoon of squid dissection. Dressed in lab coats, goggles and gloves, and safely wielding scalpels, they enthusiastically worked with partners to explore squids; their sex, eating habits, life cycle, etc. When asked about the experience, students shared, “We got to do something others didn’t get to do. We met a scientist and we used real tools of a scientist. This was great!” One student, commented, “This is the best day ever.”

Mrs. Evans saw this as an opportunity to bring STEM to life in her classroom while involving parents and the community. “Science Happens Here is a fun and interesting way to teach kids about the science that surrounds them every day”, she notes. “The kids loved it. Five students completed every activity on their cards. One student used a card in her science fair project. A number of students are continuing the program on their own. Thanks to Arizona Sci Tech and Local First AZ for sponsoring Science Happens Here and to Freeport-McMoRan Foundation for funding it! It’s a wonderful program.”



Be an AmeriCorps garden teacher

School children are waiting in line to work in the garden! Whether they get to depends upon great teachers.

If you love teaching and gardening, please consider joining up with us as an AmeriCorps member. You will mentor children and welcome them into a life enhancing vegetable and flower garden. **You will benefit from training** in education and gardening. Professional teachers and expert growers will be there to teach you, too.



Our Neighbors Farm & Pantry
1020 S. 10th Ave.

Safford, AZ 85546

The mission of Our Neighbors Farm & Pantry is to end hunger through food distribution, education, and advocacy.

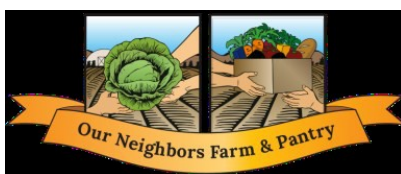
AmeriCorps members receive a living stipend and cash award for educational expenses (transferable in some cases to younger family members). Free housing in an awe inspiring natural setting is available.

What you need to bring: passion for helping children, love of gardening and nature, an inquisitive mind, ability to organize, and lots of energy. You must be at least 18 years old, and there is no upper age limit.



Call or email

Max Crain 443-975-6527 max.crain@gmail.com



Rural Activation and Innovation Network



RAIN STEM

Grants are available for up to \$5,000.

STEM Grants!

Grants do not cover salaries, utilities or administrative costs, and must be an “extra-curricular”, weekend or summer event and not during the regular school day.

Please take advantage of the current Funding Cycles:

***Attention Graham & Greenlee County Teachers
and Community STEM Educators:***

**Do you have a GREAT idea for a sustainable STEM activity or event... but need help
with funding? The Rural Activation and Innovation Network (RAIN)
of Graham & Greenlee County can help!**

Led by Arizona State University and Arizona Science Center, RAIN (Rural Activation and Innovation Network) is funded by the National Science Foundation to help rural communities in Arizona collaborate on developing locally relevant learning experiences in science, technology, engineering and math (STEM). While there are many people in rural areas working on this issue, RAIN aims to bring individuals and organizations together into networks that can share resources and knowledge for learning and outreach.

For more information, Grant Application and Scoring Rubric go to: 4azrain.org

Hover over “Rural Innovation Councils” and Click on “Graham/Greenlee Counties”

United Way of Graham and Greenlee Counties

Education Grant Opportunities

Goal Statement:

The United Way of Graham & Greenlee counties recognizes that education 1) happens everywhere, 2) begins at birth and does not stop, and 3) is a collective community endeavor.

Objectives:

Improving school readiness for every child

The United Way will support activities that help prepare children from birth-to-4 years for successful entry into kindergarten.

Supporting efforts to ensure every student reads at grade level - especially by third grade

The United Way will support and collaborate with educators, agencies and partners who are working to address grade level reading for all grades.

Increasing student access to quality transitional programs

The United Way will support educators, entities and programs that address learning-loss or key transitional periods for students such as after school activities, summer programs and internship opportunities.

Supporting community and school district efforts with teacher retention and recruitment

The United Way will support school districts, businesses, governmental agencies and community development organizations to enhance teacher workforce recruitment and retention.

Providing direct support to teachers in the classroom by helping to cultivate innovative learning environments and approaches

The United Way will partner with schools and teachers to implement innovative approaches to help address 21st Century challenges.

Partnerships:

The United Way recognizes that community partnerships are essential to achieving these education objectives. Wherever possible, the United Way will seek to strengthen and broaden community partnerships for the purposes of leveraging resources, sharing of knowledge and expertise, and enhancing program impacts.

Apply Now!

Visit the United Way website at www.uwggc.com - Click on "How to Apply"

August 3rd for Review in August

August 31st for September Review, and

November 2nd for November Review

For assistance with your grant, contact Paulette LeBlanc

pleblanc@aznex.net

They Did It!

Each month we list grant opportunities available both locally and from major corporations and philanthropic entities. The grants include those from Freeport-McMoRan, United Way of Graham and Greenlee Counties, Arizona Community Foundation and others such as Donors Choose. I am pleased to announce several teachers in Graham and Greenlee have been funded! I am not aware of every funded project, but I want to give kudos to those who have let me know about their success.

Meghan McGinty and Ashley Loya—United Way, \$19,606
Lafe Nelson School, iPads and Chromebooks

Morgan Rodgers—United Way, \$1,000
Safford High School, Food Security Project

Stephanie Jacobs—United Way, \$800
Morenci Early Learning Center, giant fish tank

Claudia Harris—United Way, \$33,322
Duncan Primary School, playground equipment

Sean Rickert—United Way, \$50,000
Pima Unified School District, Chromebooks

As I mentioned, I only know about the awards that are shared with me, so please let me know about your successes! I want to thank Paulette LeBlanc who does a tremendous job with her grant-writing sessions at SEATA. Several of these awards are a direct result of taking those classes. Money is out there—let's go get it!!

Arizona Community Foundation of the Gila Valley funds Kindergarten Camp

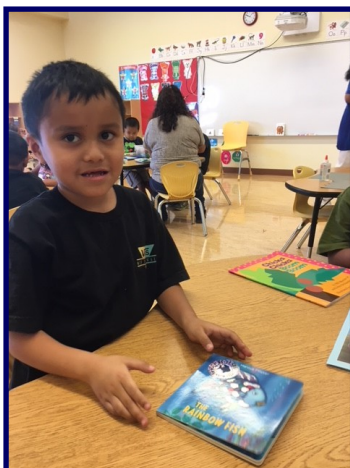
The Graham and Greenlee County School Offices just completed year two of another wonderful project. The *Right Start* grant is designed to ensure all children will enter school ready to succeed. Because we know all children do not enter kindergarten on equal footing, we wanted to close the gap on school readiness.

This summer, four communities which are underserved in the area of early childhood opportunities, were able to conduct “Kindergarten Summer Camps.” Incoming kindergarteners and their parents were invited to attend two-week camps held in the kindergarten classrooms in Duncan, Solomon, Pima and Bylas. In addition to spending this time with their teachers, they received a jump-start to working with manipulatives and working on their skills. Parents were invited to work with their children and then take home kits with the same items the students used during the camp. The items included books, magnetic letter and number packs and cookie sheets to hold them, Play-Dough, scissors, name strips and markers, pattern kits, and much more. The parents learned how use the materials in a variety of ways so they could continue the learning at home until school starts. It was deemed another great success! There’s nothing like seeing happy little children who can’t wait for “real” school to start!



Clockwise from
left:

Duncan, Pima, Bylas
and Solomon.



Look what the good folks at E.A.S.I. have planned for you!



All teachers who teach STEM subjects are invited to join the Eastern Arizona Science Initiative, known as E.A.S.I. They have a wonderful slate of camps, professional development and meetings planned. This is the schedule, subject to slight changes, but use this to plan ahead.

Please let your fellow teachers know about the wonderful opportunities gained by joined E.A.S.I.! It's easy!

2018—2019 EASI Camps and Events Calendar:

Monthly Meetings – DPC Ranch House 4:00 p.m.—5:00 p.m. *(generally the second Wednesday of each month)*

Wed. August 8, 2018	Wed. January 9, 2019	Wed. Aug. 14, 2019
Wed. September 12, 2018	Wed. February 13, 2019	Wed. Sept. 11, 2019
Wed. October 10, 2018	Wed. March 6, 2019	Wed. Oct. 9, 2019
Wed. November 14, 2018	Wed. April 10, 2019	Wed. Nov. 13, 2019
Wed. December 12, 2018	Wed. May 8, 2019	Wed. Dec. 11, 2019

Special Events/Activities:

EASI Saturday Science Camp	Saturday, Nov. 10, 2018
EASI GO (Girls Only) STEM Science Camp	Saturday, Jan. 26, 2019
Eastern Arizona Regional Science Fair	Thursday— Saturday, March 7-9, 2019
EASI Tonto Creek Camp	Tuesday— Friday, May 28-31, 2019
EASI High School Geology Camp	Monday—Thursday, June 17-20, 2019
EASI Summer Science Camp	Monday—Wednesday, June 24-26, 2019

Contact Jackie Madsen at Jackie.madsen@eac.edu
Or call the EAC Discovery Park Campus at 928-428-6260





Prepare Your Students for Real-World STEM with Dig Into Mining

In today's global economy, STEM skills are critical to success. Help your students prepare for the future job market with [Dig Into Mining: The Story of Copper](#). Our varied classroom resources are designed to ignite a sense of curiosity and exploration in your 6th - 12th grade students, while teaching and testing standards-aligned topics in STEM.

EXPLORE NOW

With relevant examples from today's copper industry, Dig Into Mining's educator tools make it easy to connect classroom learning to real-world STEM applications. For example, students can:

[Investigate](#) the patterns of natural resources around the globe

[Explore](#) how copper is used in electronic and hybrid vehicles

[Utilize](#) proportional relationships to determine the economic feasibility of a mine site

[Research](#) how microorganisms are used in the wastewater treatment process

[Identify](#) the physical boundaries of a mine using satellite geoimages

... and much more!

Discover more classroom extensions and teacher resources [here](#).

Extend the learning further with our exclusive [Dig Into Mining Virtual Field Trips](#). Stream on demand to give your students a behind-the-scenes look at a working copper mine and hear from Freeport-McMoRan professionals as they guide you through the mining process from planning to reclamation.

Follow [@DiscoveryEd](#) on Twitter and join the conversation using #DigIntoMining.

 **FREEPORT-McMoRAN**

 **Discovery**
EDUCATION



TEACHING THE NEW SOCIAL STUDIES STANDARDS WITH CONFIDENCE

Saturday, September 22, 2018

8:30 a.m. - Noon

UA South, Building C, 1140 Colombo Ave

SIERRA VISTA

This half-day professional development workshop for Middle and High School teachers will review selections from the middle and high school levels of the new draft Arizona History and Social Sciences Standards. We will include rich content and engaging lessons you can replicate in the classroom. The workshop will be taught by high-school economics and history teacher Megan Kirts. It will include:

- A comparison of the old and new standards
 - Fundamental economics concepts
- Personal finance and the economics of career paths
- International trade and the impact of policies and barriers on nations, businesses, and societies
 - The origins, costs and benefits of Social Security as revealed in primary source analysis
 - Online access to all the materials used in the workshop
 - A UA certificate for 3.5 professional development hours
 - And refreshments to fuel you through the morning!

This workshop is ideal for teachers of all branches of middle and high school social studies, with applications to World and US History, Geography, Civics/Government, Economics, and Financial Literacy.

Pre-Service teachers are welcome and encouraged to attend!

THERE IS NO FEE FOR THIS PROGRAM

but please register online at:

<https://oeer.arizona.edu/programs/current>

A program of University of Arizona Office of Economic Education

Cochise County Superintendent of Schools

UA-South Teacher Education

with funding from the Thomas R. Brown Foundation



Hey fourth graders! See America's natural wonders and historic sites for free.

Parents and guardians

Stay close to home, or travel somewhere new. This year's the perfect time for an unforgettable outing.

[Learn more](#)

Fourth graders

This is for you! Explore ancient dwellings. See a waterfall taller than a building.

[Get your pass](#)

Educators

Get passes, download our activity, or plan a life-changing field trip for your fourth-grade students.

[More Info](#)

Every Kid in a Park

You and your family get free access to hundreds of parks, lands, and waters for an entire year.

[How it works](#)



@everykidinapark



FEATURED STORY

Giving Our Two Cents on Financial Responsibility

Summer jobs are around the corner - what do your students know about finances and money management?

Does your school teach students about personal finance? We've got a few resources you can bank on to teach these all-important skills! Use videos from PBS Digital Studio's new show *Two Cents* to kick start an important conversation on

topics including debt, part-time jobs, grocery shopping, and your students' roles in the global economy. [Explore Collection](#)



Taxes--Where Does Your Money Go?

Grades: 9-13+

Summer jobs are just around the corner for many students, and questions about taxes will inevitably come up as many young earners receive their first paycheck: Why does the government tax citizens? Where does that money go and how much does each citizen pay in taxes? Explore all this and more in this lesson plan. [Discover More](#)



Estimating a Profit from a Job

Grades: 5-8

Estimation and rounding are practices adults use every day when making purchases. Help students explore these principals in this lesson plan. [Discover More](#)



Arthur: Money Math Activity

Grades: PreK-4

From lemonade stands to saving money from a birthday card, financial literacy starts young! Introduce young students to the value of different coins with sorting and math activities. [Discover More](#)

Animal Science: Adapting to Survive



Uncovering the wilds of the Alaskan terrain...

What are animal adaptations and what can students learn from studying them? This wild collection will spark understanding about animal biology and the astonishing "creature powers" that help Alaska's animals stay warm, safe and healthy through extreme weather conditions! [Explore Collection](#)



Taking Your Summer Outdoors

Challenge your students to go outside and look up at the sky! Science can be beautiful! Use this video from PBS Digital Studios to introduce students to the stunning scientific and philosophical mysteries of the universe. [Discover More](#)



Go Outside and Kick a Curveball

Grades: 6-12

Ever seen a ball curve or bend in the air during a soccer game and wondered what exactly makes it curve? Have your students watch this video and test it out themselves! [Explore More](#)



Go Outside and Garden!

Grades: 3-6

Creating a sustainable garden is great way for students to get outside! In this video, they will explore plant choice, companion planting, composting, water conservation, and more. [Explore More](#)



Adaptation

Grades: 6-8

Use this lesson plan to help students examine some of the behaviors and physical characteristics that enable organisms to live successfully in their environment. [Discover More](#)

In an increasingly networked and visual culture, comic books and graphic novels are important tools for bolstering literacy, communicating with diverse audiences, and creating a space to discuss complex scientific and social topics in a meaningful and accessible way. With these goals in mind, our friends at Arizona State University's [Center for Science and the Imagination](#) created *Drawn Futures: Arizona 2045*, a science-based comic for 5th through 8th-grade students.

Created by award-winning comics creators, and advised by ASU senior sustainability scholar Dr. Paul Hirt, this original story envisions the near future of Arizona's energy systems. Through the eyes of two young protagonists, readers are exposed to cutting-edge technologies created to help the city adapt to persistent temperature increases. However, as the story progresses, it becomes apparent that there are deep ecological impacts behind even the most elegant solutions and that climate change is a messy, human problem that requires constant mindfulness, evaluation, and deliberation.

Drawn Futures: Arizona 2045 is supplemented by two nonfiction essays, aligns to strands 3, 4, and 5 in [Arizona's standards for the 6th grade science curriculum](#), and is available now as a [free digital download](#). Additionally, the Center for Science and the Imagination is awarding a limited number of classroom sets of *Drawn Futures* to interested educators. Please fill out this [short interest form](#) to be considered for these free resources.

Copyright © 2018 ARIZONA PBS Educational Outreach, All rights reserved.

Our mailing address is:

ARIZONA PBS Educational Outreach

555 N Central Ave.

Suit 500

Phoenix, AZ 85004-1252





Professional Development



Teaching Phonics & Spelling for Beginning and Transitional Readers, 2nd Edition

Grades: K-3 | Hours: 45

In this course, you will learn about research-based instructional activities to teach phonics and spelling to students in grades K-3. [Register Now](#)



Take 10% Off Full-Priced Professional Development Courses

Learning is social! Our online professional development courses provide the opportunity to share, learn, and collaborate with your peers. Take 10% off PBS TeacherLine's June and July full-priced courses when you use the code **LEARNINGISSOCIAL**. [Explore Courses](#)



Jaguar Jaws

Grades: 6-12

This short video explores how jaguars have refined on the jaw adaptations of ancestral cats to the extent that they can take down giant caiman reptiles!

[Discover More](#)



Teaching with Primary Sources from the Library of Congress

Grades: 3-12 | Hours: 45

Take a course that will help you learn how to best utilize the amazing resources and materials housed in the Library of Congress! This course, put into practice, can help you foster student engagement, build critical thinking skills, and enhance knowledge construction. [Explore Course](#)



Zebra, External Structures, and Optical Illusions

Grades: 3-8

Why do zebras have black and white stripes? Scientists have long been baffled by the skin of zebras, and try to understand the evolutionary benefits of the bold pattern in this video! [Discover More](#)



Little Women

Grades: 6-9

Introduce your students to the beloved classic “Little Women.” These resources include essays and teaching tips for an innovative way to access, understand, and analyze this piece of classic literature. [Discover More](#)



What Happens Under the Sea?

Standards Aligned Resources for Life Science & Biology

Take a deep dive into marine science with this new collection, bringing together content that follows the national standard for Biology and Life Sciences. You'll find valuable supplemental resources you can use to build engaging lessons on climate, ecosystems, natural selection, and more! [Explore Collection](#)



Poetry Everywhere

Grades: 7-12

Explore the power of language, look at the world with a fresh sense of wonder, and build reading and writing skills with these poetry resources. What better time that summer to discover your inner poet? [Discover More](#)



The Unspoken Rules of the Hiking Trail

From the well-traveled hikes at Glen Alps in Anchorage to the more elusive wilderness trails in Lake Clark National Park - Alaska is home to stunning hikes which attract visitors from around the world. See Alaska through the eyes of a local teacher - this blog post may inspire some impromptu summer plans! [Read More](#)

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 | cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

National Council of Teachers of Mathematics (NCTM)

<http://www.nctm.org/> - must be a member to access most resources.

<http://www.nctm.org/Grants/> for grants, scholarships & awards. Encouraged, but not required, to be a member. About 25 opportunities with deadlines to apply in 2018.

Observing Characteristics of Cultures

Description: In this lesson, students learn characteristics of culture by viewing images. Students will then create a photo essay reflecting on what they have observed and researched about a culture.

Author: Gale Olp Ekiss **Grade Range:** 8 and High School **Duration:** 2-3 class periods

[Teacher Instructions](#) [Student Worksheets, Assessments, and Answer Keys](#) [Power Point Presentation \(with slide titles\)](#) [Power Point Presentation \(no slide titles\)](#)

Supplemental Files: [Scavenger Hunt on Basic Elements of Culture](#) [Urban Scavenger Hunt](#) [Musical Instrument/Music Scavenger Hunt](#) [Cultural Diffusion Power Point Presentation](#)

New lesson!

Switch It Up! Scrambling States to Practice U.S. Geography and Identify Climates

Lesson Plan Content

Description: The United States encompasses a vast territory with different characteristics. Students need to recognize that their state's physical features do not necessarily mirror other states' physical features. In this lesson students will use 1) political maps to give directions utilizing a compass rose and to determine distance by using a scale and use 2) physical maps to complete a chart of geographical information relating to climate. This data can then be used to compare states.

Author: Brean Marinaccio **Grade Range:** 4 **Duration:** 2 class periods

[Teacher Instructions](#) [Student Worksheets, Assessments, and Answer Keys](#) [Map US \(with state names\)](#)
[Regions of the US Teacher's Key](#)

Other material that may be useful: [Map United States \(with state names\) to be assembled](#)

[Collection of Maps for Students in Grades 1 through 4](#) [Activities for Scrambled States of America from Macmillan.com](#)

New lesson!

[TALES FROM THE CRYPT: Learning about Geography and History from Your Local Cemetery](#)

Description: Cemeteries are unique resources for studying the peoples of an area. In this field experience, students will gather and evaluate information about cultural symbols, nationalities, lifespans, and gender issues in a specialized landscape, the cemetery. In this lesson, students will learn how cemeteries convey information about the history and geography of their communities. They will learn about symbols and regions commonly found in cemeteries. They will then explore a local cemetery and then report their findings in charts, graphs, and other written communications.

Author: Gale Olp Ekiss **Grade Range:** 6-12 **Duration:** 5 class periods

[Teacher Instructions](#) [Student Worksheets, Assessments, and Answer Keys](#) [Resource Sheet for Determining Nationalities](#)
[Student Writing Examples](#)

Supplemental Files: [Mesa City Cemetery Map](#) [Introduction to Cemeteries PowerPoint \(Large file - may take some time to download\)](#)

Related Links:

[Gravestone Symbolism](#)

Arizona Geographic Alliance (AzGA)

Arizona State University | School of Geographical Sciences & Urban Planning | P O Box 875302 | Tempe, AZ 85287-5302 |

cathy.davis@asu.edu | 480-965-5361 * fax 480-965-8313 <http://geoalliance.asu.edu/> | <https://www.facebook.com/geoalliance/>
976 S Forest Mall, Coor Bldg, Fifth Floor, Room 5677 (Zip 85281)

Resources

Flipgrid - Video for student engagement and formative assessment

<https://info.flipgrid.com/>

Free for limited access. \$65 per educator per year for unlimited grids & topics. Heard good reviews from multiple sources as a convenient, easy tool for a quick comprehension check or culminating demonstration.

Tour Builder | Put your story on the map. A Google experiment.

<https://tourbuilder.withgoogle.com/>

Tour Builder is a new way to show people the places you've visited and the experiences you had along the way using Google Earth. It lets you pick the locations right on the map, add in photos, text, and video, and then share your creation.

What inspired the creation of Tour Builder? We originally created Tour Builder to give veterans a way to record all the places that military service has taken them, and preserve their stories and memories as a legacy for their families. But we also thought it could be a useful tool for anyone with a story to tell, so we made it available to everyone.

What are your long-term plans for Tour Builder? For now, Tour Builder is in beta and we're excited to see what people build and do with it. We'd love to hear your feedback and ideas about how it could be a better storytelling tool. Take it for a spin and tell us what you think here.

PenPal Schools

<https://www.penpalschools.com/>

PenPal Schools connects students in 144 countries to learn together. PenPals ages 8 and up collaborate through free high-quality online projects to learn about cultures and global challenges while practicing language and technology skills. How much does PenPal Schools cost? The first 5 teachers who enroll from each school receive PenPal Schools for free for the entire year! Schools that would like to enroll more than 5 teachers can purchase a site license for \$1,900 per year. Site licenses include unlimited student and teacher accounts. Discounts are available for low income and PenPal Partner schools.

FANSchool - app

<https://www.fanschool.org/>

Free w/ 1 commissioner, 5 players. Then charges.

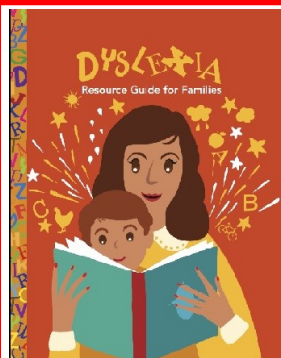
About: <https://www.fanschool.org/about/> Objective to engage students in learning in any subject area using current events.

Arizona Teachers Can Win \$500 From APS



Yesterday APS launched their "Supply My Class" Teacher Awards sweep-stake. APS will award \$500 for school supplies to 1,000 Arizona K-8 public and charter...

[Read More](#)



Dyslexia Resource Guide for Families Now Available!

Download and share the Dyslexia Resource Guide for Families, a new, parent-friendly resource for families with children 0-12 who want to learn more about dyslexia, what dyslexia might look like in their child and what they can do to support their child if they have dyslexia. [Download the free pdf here.](#)

Read On Arizona extends our sincere appreciation to The Burton Family Foundation for its generous support of the printing and outreach of the *Dyslexia Resource Guide for Families*.

Trauma Resources (from Sandi Cimino, presenter at SEATA)

The Sanford Inspires Program at ASU offers a wealth of free, online resources to teachers.

Steps:

1. Go to <https://sanfordinspire.org/>
2. Create a free account
3. Click on "On Demand Modules" in the toolbar at the top of the page.
4. Scroll through to see all the offerings or search specific terms (like "trauma") in the search box.



The pending *Arizona Department of Education History and Social Science Standards* include economics and financial literacy as one of the four core disciplines, and must be included in all disciplinary skills and processes, across all grades.

If you feel you lack the economics skills, or are rusty, we have TWO online resources for you, both **available here at no charge**.

- The High School Economics & Financial Literacy eTextbook by *Steven Reff*, and his companion interactive material for classroom projection.

These are great references for teachers of all grades across all the social studies, economics, business, and math.

Both are written by **Steven Reff**, retired Tucson high school AP Economics educator and former lecturer in the Economics Department at the University of Arizona. He was also winner of the UA student-selected Five-Star award for best faculty member, among many other awards.



The Safford City-Graham County Library offers amazing resources for teachers and students at no cost!

Library Cards Residents of Graham and Greenlee county are eligible for a free library card. Children under 18 must have a parent's or legal guardian's permission to get a library card.

Library Tours and ScienceCity Field Trips Library tours are available for classes with at least 2 weeks' notice. For more information, write to Victoria Silva at vsilva@saffordaz.gov. A limited number of hands-on ScienceCity field trips are available to K-6th classes visiting the library. For more information, write to Lesley Talley at ltalley@saffordaz.gov.

Online Tutoring Live, online tutoring for students in kindergarten through college is available daily from 2pm till midnight through Tutor.com on the library's website. Tutor.com is free to all students in Graham and Greenlee counties thanks to support from the Safford Library, the Greenlee County Library District and the United Way of Graham County.

Online Classes - Universal Class

Over 500 free online classes are available to library card holders. Courses include computer skills and teacher related courses for CEU credit. Remember, the classes are free **ONLY** if accessed through the library's website.

Language Learning - Mango Languages

User-friendly language learning is available for over 70 languages through Mango Languages. It includes 11 ESL options for those who are learning English. Remember, the classes are free **ONLY** if accessed through the library's website.

Academic Databases

Information-packed online databases from Gale and Britannica are available for elementary through high-school age children. With vetted information, no pop-up ads and clear citations, they offer a great research tool for students.

Tumblebooks, eBooks and downloadable audiobooks

Digital versions of many popular books for young children through teens are available through the library website. Tumblebooks targets younger children with colorful picture books and simple chapter books. Our eBook and downloadable audiobook collections include titles for tweens and teens.

Dolly Parton's Imagination Library

Thanks to funding from Arizona First Things First, all children in Graham and Greenlee counties are eligible to receive free books mailed to their home from birth until their 5th birthday. These high-quality books are theirs to keep and build their own home library.

Books, DVDs and Audiobooks

With approximately 45,000 items on the shelves, the library is sure to have something for you or your students. From picture books and children's audiobooks to nonfiction books and DVDs, we have great resources to support you in the classroom.

For more information or for a teacher tour/training, call 432-4165.

Who will help
me become
the man
I want to be?



**When you foster a teen,
you won't just change their life...**
they'll change yours forever.

Teens need families. Thousands of teens in foster care are looking for the support and encouragement that families provide — not just until they turn 18.

Help a teen reach their full potential. Become a foster parent.

www.TeensNeedYou.org



1.866.329.2312
www.ArizonasChildren.org
FosterTeens@arizonaschildren.org

In collaboration with:



From the Graham County Sheriff's Office....Text a Tip

"The Text a Tip" program allows a citizen to anonymously submit a crime tip to law enforcement in Graham County. This service was started as a combined effort between the Graham County Substance Abuse Coalition and local law enforcement agencies. It is administered by the Graham County Sheriff's Office Communications Division.

How it works:

- ◆ A citizen can text grahamtip to 50911 and type the message they want to submit.
- ◆ The message is then sent to the Graham County Sheriff's Office Communications Center.
- ◆ The message is sent anonymously so the dispatcher has no way of knowing who sent it.
- ◆ There is no caller ID on your message.
- ◆ The dispatcher will review the tip information and pass it along to the appropriate agency.
- ◆ It can be used to report drugs, gangs, violence, threats, bullying, vandalism, abuse, illegal dumping, etc.

We still encourage those needing to report in-progress emergencies to call 9-1-1.

Further information about the program can be obtained by contacting Sgt. Scott Howell at 928-792-5404 or showell@graham.az.gov.

Governor's Office of Youth, Faith and Family

"Healthy Families, Healthy Youth"

In 2016, Governor Ducey's Office of Youth, Faith and Family started a pilot program to help families avoid with the realities of addiction and the devastating effects on our children. The "Keep Them Safe" program brings 7th graders and their parents together for an evening of education and planning for strategies to face the stressors, risks and pressures presented to our kids on a daily basis. The program started with one school in each county. This year, it has expanded to include 53 districts throughout the state. Based on the early success of the pilot, we believe the program will continue to expand.

Information is available for all families in Arizona, whether they are in the county programs or not.

Please visit **KeepthemSafe.az.gov** to learn more about strategies to keep communication open and to take advantage of "teachable moments" regarding drug abuse and addiction.

Additionally, the following resources are available:

National Council on Alcoholism and Drug Dependence, Inc. - ncadd.org

National Helpline 1-800-662-HELP (4357)

National Institute on Drug Abuse—drugabuse.gov

Substance Abuse and Mental Health Services Administration—samhsa.gov

Grant Funding Alerts *It's never too early to start working on a grant!*

Name: Freeport-McMoRan STEM Innovation Grants

Who: K—12 Teachers, school administrators or parent volunteers/PTA officials

Amount: Up to \$5,000

Deadline: March 15 each year (window: Dec. 1—March 15)

http://www.freeportinmycommunity.com/schools/stem-grant

Name: Freeport-McMoRan Mini-Grants for Education (Get ready for the next cycle!)

Who: Teachers, school administrators or parent volunteers/PTA officials

Amount: \$100-\$500

Deadline: October 1, 2018 (window: May 1—Oct.1)

Link: <http://www.freeportinmycommunity.com/schools/mini-grants>

DonorsChoose.org Makes It Simple to Help Classrooms

DonorsChoose.org is an online charity that makes it easy for anyone to help students in need. Public school teachers from every corner of America post classroom project requests on this site.

Donors can find projects or classrooms that most inspire them and make a donation. When a project reaches its funding goal, DonorsChoose.org ships the materials to the school. You'll get photos of the project, a letter from the teacher, and insight into how every dollar was spent. Give over \$50 and you'll also receive a hand-written thank from the students. If you're a teacher looking for support for a classroom project, just go to Donors Choose.org and start your own account. The

Bill and Melinda Gates Foundation announced that it will match \$1 million in donations to DonorsChoose.org. Donors need to enter the code JUMPSTART to have their donation matched.

Westinghouse Charitable Giving Program

<http://www.westinghousenuclear.com/about/community-and-education/charitable-giving-program/program-details-and-application-process>

The Westinghouse Charitable Giving Program enables our company to provide financial support to communities in one or more of our strategic areas of giving:

- Education with a focus on Science, Technology, Engineering and Math (STEM)
 - Environmental Sustainability Community Safety and Vitality

Innovative Educator Grant

<https://scholarsapply.org/fbol-innovativeeducatorprize>

One-time awards of up to \$10,000 per project will be granted. Total distribution is up to \$200,000.

Awards are made payable to the school, specifically for use on the proposed project.

Funds may be used for: technology, professional development, curriculum, software, curriculum, classroom supplies, and related materials. Funds may not be used for facility costs or salary or payroll expenses. Recipients are required to submit an accountability report including verification of funds used and measurable outcomes at the conclusion of the school year.

What does that mean?

Arizona Educational Acronyms

(continued from the July newsletter)

M

MOU- Memorandum of Understanding

N

NAEP- National Assessment of Educational Progress

NACO –National Association of Counties

NASBE- National Association of State Boards of Education

NAU – Northern Arizona University

NCLB- No Child Left Behind

NEA- National Education Association

O

OCR - Office of Civil Rights (of US Department of Education)

OHI - Other Health Impaired

OI - Orthopedic Impairments

OJT - On-the-Job Training

OSEP - Office of Special Education Programs

OSERS - office of Special Education and Rehabilitative Services

OT - Occupational Therapy/Therapist

P

PCP - Person Centered Plan

PE - Physical Education

PFP – Pay for Performance

PPAC – Professional Practices Advisory Committee

PT - Physical Therapy/Therapist

Q

QTL- Qualifying Tax Levy

QTR- Qualifying Tax Rate

R

RFI- Request for Information

RFP- Request for Proposals

RFQ- Request for Quotes

RSA - Rehabilitation Services Administration

RTI - Response to Intervention

S

SAREC – Southern Arizona Regional Education Center

SBE – State Board of Education

SCOTUS – Supreme Court of the United States

SDER – School District Employee Report

SEA - State Education Agency

SEI – Structured English Immersion

SES- Socio Economic Status

SGT- Student Growth to Target.